

First Hit

End of Result Set

Generate Collection **Print**

L1: Entry 1 of 1

File: DWPI

Aug 10, 2000

DERWENT-ACC-NO: 2000-648441

DERWENT-WEEK: 200063

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: Tire damage detection system for cars uses acoustic sensors in the wheel rims

INVENTOR: TOMALLA, G

PATENT-ASSIGNEE:

| | |
|-----------|-------|
| ASSIGNEE | CODE |
| TOMALLA J | TOMAI |

PRIORITY-DATA: 1999DE-1017360 (April 16, 1999)

Search Selected **Search ALL** **Clear**

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---|------------------|----------|-------|------------|
| <input type="checkbox"/> DE 20006944 U1 | August 10, 2000 | | 010 | G01H001/00 |
| <input type="checkbox"/> DE 19917360 A1 | October 19, 2000 | | 000 | G01H001/00 |

APPLICATION-DATA:

| PUB-NO | APPL-DATE | APPL-NO | DESCRIPTOR |
|---------------|----------------|----------------|------------|
| DE 20006944U1 | April 14, 2000 | 2000DE-2006944 | |
| DE 19917360A1 | April 16, 1999 | 1999DE-1017360 | |

INT-CL (IPC): B60 C 23/02; G01 H 1/00; G01 L 17/00; G01 M 17/02; G08 C 17/00

ABSTRACTED-PUB-NO: DE 20006944U

BASIC-ABSTRACT:

NOVELTY - The tire damage detection system has acoustic sensors (1-4) in the car wheel rim which send data by a radio link to a central analysis unit (5) which compares the road noise of the tires and can display (6) a warning if any tire differs for a long time.

USE - Detection of tire damage in cars.

ADVANTAGE - Tire damage can be detected whilst in motion and before rupture occurs. Noises common to all tires are ignored.

DESCRIPTION OF DRAWING(S) - The drawing is a block diagram of the system.

Acoustic sensors 1-4

Central analysis unit 5

Display unit 6

CHOSEN-DRAWING: Dwg.1/1

TITLE-TERMS: DAMAGE DETECT SYSTEM CAR ACOUSTIC SENSE WHEEL RIM

DERWENT-CLASS: Q11 S02 S03 W05 X22

EPI-CODES: S02-E; S02-F04C; S02-J02A; S03-E01; W05-D04A5; W05-D07D; X22-E02B;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2000-480673